





AUE	408	9									Page 1 of 3			
Form PTO-1449 U.S. Departm				ment of Commerce ent and Trademark Office			Atty. Docket No. 43966-CB		Serial No. 09/904,356					
۲	g)''	FΩ	RM	ΔТ	ION	J DI	SCI	LO	SHIPE CITA	TION	Applicants: Gra	aham P. Allawa	y	
NFORMATION DISCLOS (Use several sheets if				necessary)		Filing Date July 12, 2001	9		Group 1643 /648					
ي .	9							_	U.S. PAT	ENT DOCUMEN	NTS			
Initial	Document Number							Γ	Date	Name	Class	Subclass	Filing Date if Appropriate	
								_					-	
<u> </u>					<u> </u>			F	OREIGN P.	ATENT DOCUM	IENTS			
		Document Number			r	Date Country	Class	Subclass	Translati n					
_~							_	r					Yes	No
(Exh.25)	\sim	PC	T	US	95	16	78	9	6/22/95	PCT	C12Q 1/02			<u> </u>
									ļ.,					
													<u> </u>	
			OT	HE	R D	OC!	UM	EN	TS (Includir	ng Author, Title,	Date, Pertinent	Pages, Etc.)		
7		Bio	logy	, D	iagn	iosis	, Tr	eat		ency Virus-Relate evention, fourth e hibit 1)				
		in C	3000	lma	n an	d Gi	lma	n's ´		The Dynamics of ological Basis of T				
		Chams, et al., (1992) "Simple Assay To Screen for Inhibitors of Interaction between the Human Immunodeficiency Virus Envelope Glycoprotein and Its Cellular Receptor, CD4" <i>Antimicrobial Agents and Chemotherapy</i> 36(2):267-272(Exhibit 3)												
		Crowe, S.M., et al., (1992) "Human immunodeficiency virus-infected monocyte-derived macrophages express surface gp120 and fuse with CD4 lymphoid cells in vitro: a possible mechanism of T lymphocyte depletion in vivo.", ; Clinical Immunology and Immunopathology. vol. 65, No. 2, pp. 143-151 (Exhibit 4)												
		Dimitrov, D.S., et al., (1991) "Initial Stages of HIV-1 Envelope Glycoprotein-Mediated Cell Fusion Monitored by a New Assay Based on Redistribution of Fluorescent Dyes" AIDS Res. & Human Retroviruses 7(10):799-805 (Exhibit 5)												
4										ements for Membra," Journal of Viro				luman
EXAMINER		V	_	_			_		DATE CONSI	. /	2/03			
										on is in conformance ext communication to	with MPEP 609: Dra	aw line through cita	tion if not in	n

Applicant: Serial No:

Graham P. Allaway 09/904,356

Filed:

July 12, 2601

Exhibit:



OT BTO-14	49 U.S. Department of C mmerce Patent and Trademark Office	Atty. Docket No. 43966-CB	Serial No. 09/904,356			
` %		Applicants: Graham P	. Allaway			
^{0 2 0} 2002 ~	NFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date July 12, 2001	Group 1643 64			
DEMAHK OF THE	OTHER DOCUMENTS (Including Author, Title, I	Date, Pertinent Pages,	Etc.)			
DEMARK	Ebadi, M., (1998) "The Pharmacokinetic Basis of Ther Pharmacology, CRC Press LLC, Boca Raton, pp. 1-7 (Ext		sk Reference of Clinic			
Ĭ	Fouchier, et al., (1994) "HIV-1 Macrophage Tropism Is Detection" Journal of Clinical Investigation 94:1806-1814 (Ex		els of the Viral Replicati			
	Graham et al., (1995) "Candidate AIDS Vaccines" New E	ngl. J. Med. 333:1331-1	339 (Exhibit 9)			
	Hirsch et al., (1997) "Antiretroviral Therapy," in AIDS: Biodedition, De Vita, Jr., et al., eds., Lippincott-Raven Publish	ogy, Diagnosis, Treatmo ers, Philadelphia, pp. 49	ent, and Prevention, fou 25-508 (Exhibit 10)			
	Keller, P.M., et al., (1977) "A Fluorescence Enhancemer (Exhibit 11)	t Assay of Cell Fusion	" J. Cell Sci. 28:167-1			
	Mitsuya, H., et al., (1985) "Protection of T Cells Against Infectivity and Cytopathic Effect of HTLV-II Vitro, in Miwa, et al. Eds., Retroviruses in Human Lymphoma Leukemia" Japan Sci, Soc. Press, Tokyo/V Science Press, Utrecht pp.277-288 (Exhibit 12) O'Brien et al., (1990) "HIV-1 Tropism for Mononuclear Phagocytes can be Determined by Regions of gp Outside of the CD4-binding Domain," Nature 348:69-73 (Exhibit 13) Peden, K. et al, (1991) "Changes in Growth Properties on Passage in Tissue Culture of Viruses Derived f Infectious Molecular Clones of HIV-1 _{LAI} , HIV-1 _{MAL} , and HIV-1 _{ELI} " Virology. 185:661-672. (Exhibit 14)					
	Rusche et al., (1988) "Antibodies That Inhibit Fusion of Human Immunodeficiency Virus-Infected C Bind a 24 Amino Acid Sequence of the Viral Envelope, gp 120" Proc. Nat. Acad. Science (USA) Vopp. 3198-3202 (Exhibit 15) Saag, M., (1997) "Clinical Spectrum of Human Immunodeficiency Virus Diseases", in AIDS: Biolog Diagnosis, Treatment and Prevention, DeVita et al., eds., Lippincott-Raven Publishers, Philadelphia. 203-213 (Exhibit 16) Sandstrom, E.G. and Kaplan, J.C., (1987) "Antiviral Therapy in AIDS: Clinical Pharmacological Properties and Therapeutic Experience to Date" Drugs 34:372-390 (Exhibit 17)					
	Schmidtmayerova, H., et al., (1993) "Characterization of I tropism, virus/cell entry and nucleotide sequence of the en vol. 144, No. 1, pp. 21-26 (Exhibit 18)	HIV1-PAR a macrophag velope glycoprotein.", l	ge-tropic strain: cell Research in Virology.			
	Sinangil, F. et al, (1988) "Quantitative Measurement of Fu and Cultured Cells Using Membrane Fluorescence Deque	nsion Between Human I nching" FEBS Letters 2	mmunodeficiency Virt 39:88-92 (Exhibit 19)			
	Stein et al., (1993) "Immune-Based Therapeutics: Scientif the Treatment of the Human Immunodeficiency Virus-Info (Exhibit 20)	ic Rationale and the Proceed Individual," Clin.	omising Approaches to Infect. Dis. 17:749-77			
4	Szabo, G. et al, (1992) "CD4 Changes Conformation Upo (Exhibit 21)	n Ligand Binding" J. <i>In</i>	nmunol. 149:3596-3604			
EXAMINER	DATE CONSIDERED	03				

Page 3 of 3

Form P	1011	U.S. Department of Commerce Patent and Trademark Offic	Atty. Docket No. 43966-CB	Serial No. 09/904,356				
<u> </u>	0 - 15	ي		Applicants: Graham P. Allaway				
AU AU	6 2 012	Use several sheets if necessary)	Filing Date July 12, 2001	Group 1643 [G/8				
TRA	DEMARY	OTHER DOCUMENTS (Including Author	, Title, Date, Pertinent Pages, I	Etc.)				
2		Szabo, G. et al, (1993) "Specific Disengagement of Aurintricarboxylic Acid" Mol. Immunol. Vol. 30	f Cell-Bound Anti-LAM-1(Anti-L No. 18 1689-94 (Exhibit 22)	-Selectin) Antibodies by				
		Wanda, P.E., and Smith, J.D., (1983) "A Gener Energy Transfer and a Fluorescence-activated Co(Exhibit 23)	al Method for Heterokaryon Det ell Sorter" <i>J. Histochem. & Cytoc</i>	ection Using Resonance chem. 30(12):1297-1300				
	•	Yarchoan et al., (1988) "Clinical Aspects of Infection with AIDS Retrovirus: Acute HIV Infection, Persistent Generalized Lymphadenopathy, and AIDS-Related Complex", in AIDS: Etiology, Diagnosis, Treatment and Prevention, DeVita et al., eds., Lippincott-Raven Publishers, Philadelphia, pp. 107-109 (Exhibit 24)						
		0						
EXAMIN	ER	DATE CONSIDERED	oclulos					
*EXAMI	INER: In	itial in citation considered, whether or not citation is in consoc considered. Include copy of this form with next commun	formance with MPEP 609: Draw line the distribution to applicant.	rough citation if not in				

Page 1 of 2 Atty. Docket No. Serial No. **U.S. Department of Commerce** 09/904,356 43966-CB Patent and Trademark Office Applicants: Graham P. Allaway, et al. INFORMATION DISCLOSURE CITATION Filing Date Group (Use several sheets if necessary) July 12, 2001 1648 U.S. PATENT DOCUMENTS Class Subclass Examiner Document Number Date Name Filing Date Initial if Appropriate FOREIGN PATENT DOCUMENTS **Document Number** Date Country Class Subclass Tra nslation Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Camerini, D., et al., (1990) "A CD4 Domain Important for HIV-Mediated Syncytium Formation Lies outside the Virus Binding Site", Cell, Vol. 60, No. 5, 747-754 (Exhibit 1) Clapham, P.R., et al., (1989) "Soluble CD4 blocks the infectivity of diverse strains of HIV and SIV for T cells and monocytes but not for brain and muscle cells." Nature, Vol. 337, No. 6205, 368-370 (Exhibit 2) Dragic, et al., (1992)"Complementation of Murine Cells for Human Immunodeficiency Virus Envelope/CD4-Mediated Fusion in Human-Murine Heterokaryons", Journal of Virology, Vol 66, No. 8, 4794-4802 (Exhibit 3) Freed, E. O., et al., (1991) "Identification of Conserved Residues in the Human Immunodeficiency Virus Type 1 Principal Neutralizing Determinant That Are Involved in Fusion" AIDS Research and Human Retroviruses, vol. 7, No. 10, 807-811 (Exhibit 4) Harouse, J. M. et al., (1991) "Inhibition of Entry of HIV-1 in Neural Cell Lines by Antibodies Against Galactosyl Ceramide" Science, Vol. 253, No. 5017, 320-323 (Exhibit 5)

RECEIVED

Human T Cell Activiation.", Science, Vol. 245, No. 4924, 1380-1382 (Exhibit 6)

DATE CONSIDERED

onsidered. Include copy of this form with next communication to applicant.

*EXAMINER: Initia of citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in

EXAMINER

conformance and not

Mittler, R.S., et al., (1989) "Synergism Between HIV gp120 and gp120-specific Antibody in Blocking

DEC 1 6 2002

TECH CENTER 1600/2900

Applicant: Graham P. Allaway, et al.

Serial No.: 09/904,356 Filed: July 12, 2001

Exhibit A

		Page 2 of 2			
Form PTO-144	49 U.S. Department of Commerce Patent and Trademark Office	Atty. Docket No. 43966-CB	Serial No. 09/904,356		
	NEODMATION DICCLOSURE CIMATION	Applicants: Graham P. Allaway, et al.			
1.	NFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Filing Date July 12, 2001	Group 1648		
OTHER DOC	UMENTS (Including Author, Title, Date, Pertinent Pa	ages, Etc.)			
	Travis, B.M., et al., (1992 "Functional Roles of the Processing of gp 160 and in the Formation of Syncytia in 317 (Exhibit 7)				
	Weinhold, K.J., et al., (1989) "HIV-1 gp120-Mediated In the Absence of Viral Infection." Journal of Immunolog				
EXAMINER **EYAMINER: In	DATE CONSIDERED Of citation considered, whether or not citation is in conformal	ole with MPEP 609: Draw line thr	ough citation if not in		
CAAWIINEK: IF	intal ty citation considered, whether or not citation is in conformal		agn chanon it not ill		

RECEIVED

DEC 1 6 2002

TECH CENTER 1600/2800